AUTHOR: ASILA JALI SECTION: SUPPLEMENT PAGE: 4 PRINTED SIZE: 816.00cm<sup>2</sup> REGION: KL PHOTO: Full Color ASR: MYR 28,020.00 ITEM ID: MY0050548759

01 DEC, 2022

## SIRIM IR delving into energy storage



New Straits Times, Malaysia

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# SIRIM IR delving into energy storage

To date, our R&D, technology innovation

& commercialisation are



SIRIMIR's efforts are centred on aligning R&D solutions to account for climate

ASILA JALI KUALA LUMPUR

IRIM Industrial Research (IR) is actively pushing for energy storage technology as part of its research and development [R&D] focus area within energy management.

Senior vice-president Mohd Azanuddin Salleh said energy manage-ment is an "exciting" area to look into as the company will delve deeper into various components that make up the

We still do not fully use solar energy in the country because of intermit-tency issues where some days we get full sunlight and some days we do not. "Solar energy will not work by

itself and that is why we need a stor

itsett and that is why we need a stor-age device so we can store the energy and fully utilise it.

"This is why SIRIM is pushing for energy storage in particular," he said during an interview with the New Straits Times.

Azanuddin said a joint venture with an industry player is underway for the company to install solar panels on six roofs within its complex.

"Hopefully this will come into frui-tion by the middle of next year," he said. As a whole, Azanuddin said SIRIM IR is the forefront of research, tech-nology and innovation in Malaysia that provides total technology and market

driven solutions to various industries.

the government, industry and society through the adoption of technological advancements to support economic growth, enhance industries competitiveness and eventually to improve the quality of life.

Our most prominent presence is where we nurture small and medium-scale enterprises with solutions for technology adoption and upgrading by partnering with various local and international partners, for instance, the Fraunhofer Institute in Germany,

As the R&D sector is constantly evolving, Azanuddin said the compa-ny's focus areas are divided into three main verticals.

Besides energy storage, it is also focused on smart manufacturing and life sciences

"We constantly keep ourselves updated via continuous training, edu-cation, and market surveys to under-stand the needs of the players in the

"It is a challenge, but we must start somewhere," he said.

#### **ESG TAKES CENTRE STAGE**

The way SIRIM Industrial Research has operated since its establishment has always been ahead of its time.

Azanudin said the company had Azanudin said the company had shifted from playing a role in adding value to Malaysia's predominantly agri-based economies in the 70s to making headway into digitisation in the 90s. As environmental, social and gov-

ernance (ESG) elements are picking up

momentum in the country, he said the company's major strategies on finan-cial and technological will consider ESG factors and how to tackle issues on climate change, social inequality, and corporate governance which can affect the long-term performance.

This is done by ensuring alignment with the National Sustainable Development Goals (ESG) and personates because the surface of the

ment Goals (SDG) and aspirations, he

"We are in the midst of finalising our

own ESG policy.
"We had always incorporated ESG in our operations but never enshrined

them in proper policies so we are mov-ing towards that now," he said. Besides, he highlighted that the company's efforts are centred on aligning the R&D solutions to account for climate related as well as environmental risks

The current and future contribution will continue to address the national and global scenario on water, energy, emissions, food scarcity which have

emissions, food scarcity which have significantly impacted everyday life and economy, said Azanuddin. To date, our R&D, technology innovation & commercialisation are focusing on the following six activities/sectors namely climate change and renewable energy, food security, medical and healthcare, productivity and logistic and transportation. "Specific modules will incorporate ESG risk considerations in the technol-

ogy, financing, and investment deci-sions," he said.

He added, the company is also investing in its workforce as it plans to to increase the number of the 2007. from the current 20 to 50 by 2027.

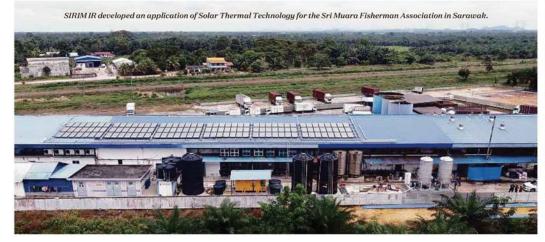
Moving forward, to attract poten-tial partners in working with Sirim IR towards becoming a RM1 billion com-pany in 2027, Azanuddin said the com-pany will leverage on frontier technology adoption and digitalisation in solving industry wide problems including those

involving the environment.
"One of the sectors is the manufacturing industry.

As data is now moving into the digital sphere, there is a growing signifi-cance of digital platform application in the industry for increased productivity and efficiency. "We can offer a manufacturing exe-cution system (MES) to fulfil the need

of SME companies towards adoption of Industry 4.0 which is a cloud-based and real-time monitoring system to digital-ise production monitoring and management process," said Azanuddin.







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### **SUMMARIES**

SIRIM Industrial Research (IR) is actively pushing for energy storage technology as part of its research and development (R&D) focus area within energy management. Senior vice-president Mohd Azanuddin Salleh said energy management is an "exciting" area to look into as the company will delve deeper into various components that make up the segment.